

OCT 15  
1508.68672

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DEC 15 2003



In Re U.S. Patent Application of:

Applicant(s): Ohmuro et al. ) I hereby certify that this paper is being deposited with the  
Serial No.: 10/701,305 ) United States Postal Service as FIRST-CLASS mail in an  
Conf. No.: ) envelope addressed to: Commissioner for Patents, P.O. Box  
Filed: November 4, 2003 ) 1450, Alexandria, VA 22313-1450, on this date.  
For: LIQUID CRYSTAL DISPLAY... )  
Art Unit: )  
Examiner: Not Yet Assigned )

December 11, 2003

Jan K. Folker  
Date  
Attorney for Applicant(s)  
Registration No. 37,538

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

300 South Wacker Drive – Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315  
Customer Number 24978  
K:\1508\68672\IDS Time Period 1 & 2.DOC

GREER, BURNS & CRAIN, LTD.

By: Jan K. Folker  
James K. Folker  
Registration No. 37,538

Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 1508.68672	Serial No.: 10/701,305
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		DEC 15 2003 O I P E JC1A P A T E N T & T R A D E M A R K O F F I C E	
		Applicant: Ohmuro et al.	
		Filing Date: November 4, 2003	Group:

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,418,635	May 23, 1995	Mitsui et al.			
	5,724,111	Mar. 3, 1998	Mizobata et al.			
	5,753,937	May 19, 1998	Shimomaki et al.			
	6,124,909	Sep. 26, 2000	Miyashita et al.			
	6,195,140	Feb. 27, 2001	Kubo et al.			
	2002/0140886	Oct. 3, 2002	Sugiura et al.			
	6,476,889	Nov. 5, 2002	Urabe et al.			
	2003/0128317	Jul. 10, 2003	Ohmuro et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	5-232465	Sep. 10, 1993	Japan - Corresponds to US 5,418,635				X
	7-333598	Dec. 22, 1995	Japan - Corresponds to US 5,753,937				X
	8-338993	Dec. 24, 1996	Japan - Corresponds to US 5,724,111				X
	10-307205	Nov. 17, 1998	Japan			Abs.	
	11-2811	Jan. 6, 1999	Japan - Corresponds to US 6,124,909				X
	11-281972	Oct. 15, 1999	Japan - Corresponds to US 6,195,140				X
	11-305248	Nov. 5, 1999	Japan			Abs.	
	2001-166289	June 22, 2001	Japan - Corresponds to US 6,476,889				X
	2002-221716	Aug. 9, 2002	Japan - Corresponds to US 2002/0140886				X
	2002-296585	Oct. 9, 2002	Japan - Corresponds to US 2002/0140886				X
	2003-202594	July 18, 2003	Japan - Corresponds to US 2003/0128317				X

Examiner	Date Considered
----------	-----------------

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.